



EPA Priority Action

Action Title: **FL Phosphate Pilot Study**

Initiating Office: Region04 / Waste
Management Division

Management Level:

YELLOW

Contact: Winston Smith
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AA Approval: 11/10/2004 03:58 PM, Stan Meiburg
OPEI Approval: 11/16/2004 02:38 PM, Bruce Schillo

Action Type: Report

OPA Review:

Cross-Office/Region Interest: OAR

Chemicals/Contaminants: Phosphate
Radionuclides

Action Abstracts:

Region 4's Waste Management Division has initiated a "pilot study" to investigate the potential for human exposure to excess levels of gamma radiation to individuals residing in dwellings constructed over formerly mined phosphate lands in Central Florida. A by-product of phosphate mining and processing are soils contaminated with elevated levels of radium. Results from the work conducted thus far by State and Federal agencies has documented an area of approximately 42,000 acres in portions of Polk and Hillsborough Counties, FL, where residents could be exposed to elevated levels of gamma radiation. EPA plans to conduct an aerial gamma survey to investigate the potential exposures. These results will be used to evaluate if additional investigations and response actions are warranted. This information will also be used to evaluate methods for addressing the backlog of 21 phosphate mine related sites in the Region's CERCLIS inventory. This backlog of sites was discussed in GAO's 1998 report to Congress entitled "Hazardous Waste: Unaddressed Risks at Many Potential Superfund Sites."

Milestones:

Add Milestone Stage	Milestone	Date	Description/Comment
	FL Phosphate Study aerial survey conducted	04/01/2005	projected
	FL Phosphate Study results available	08/30/2005	projected

other attachments

Last Edited: 10/29/2004 12:28 PM, Becky Hendrix Reflects changes made to FL Phosphate Study results available milestone.



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Action Edit History

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